Tweeter

(Initial Proposal)

**High-level system architecture and technologies used**

***Server Host:***

*Amazon AWS, EC2 (Elastic Compute Cloud) instance*

***EC2 Instance Type:***

*t2.micro* (Variable ECUs, 1 vCPUs, 2.5 GHz, Intel Xeon Family, 1 GiB memory, EBS only)

***Operating System:***

*Ubuntu, 18.04 LTS (as an AWS EC2 instance)*

***Database:***

*MongoDB*

***Web Server:***

*PM2*

***Server-Side Language:***

*Javascript*

***Libraries & Tools:***

1. node v. 12.7.0

2. npm v. 6.10.0

3. pm2 v. 3.5.1

4. react v. 16.12.0 (front-end framework),

5. express v. 4.17.1 (back-end framework),

6. docker, v. 19.03.5

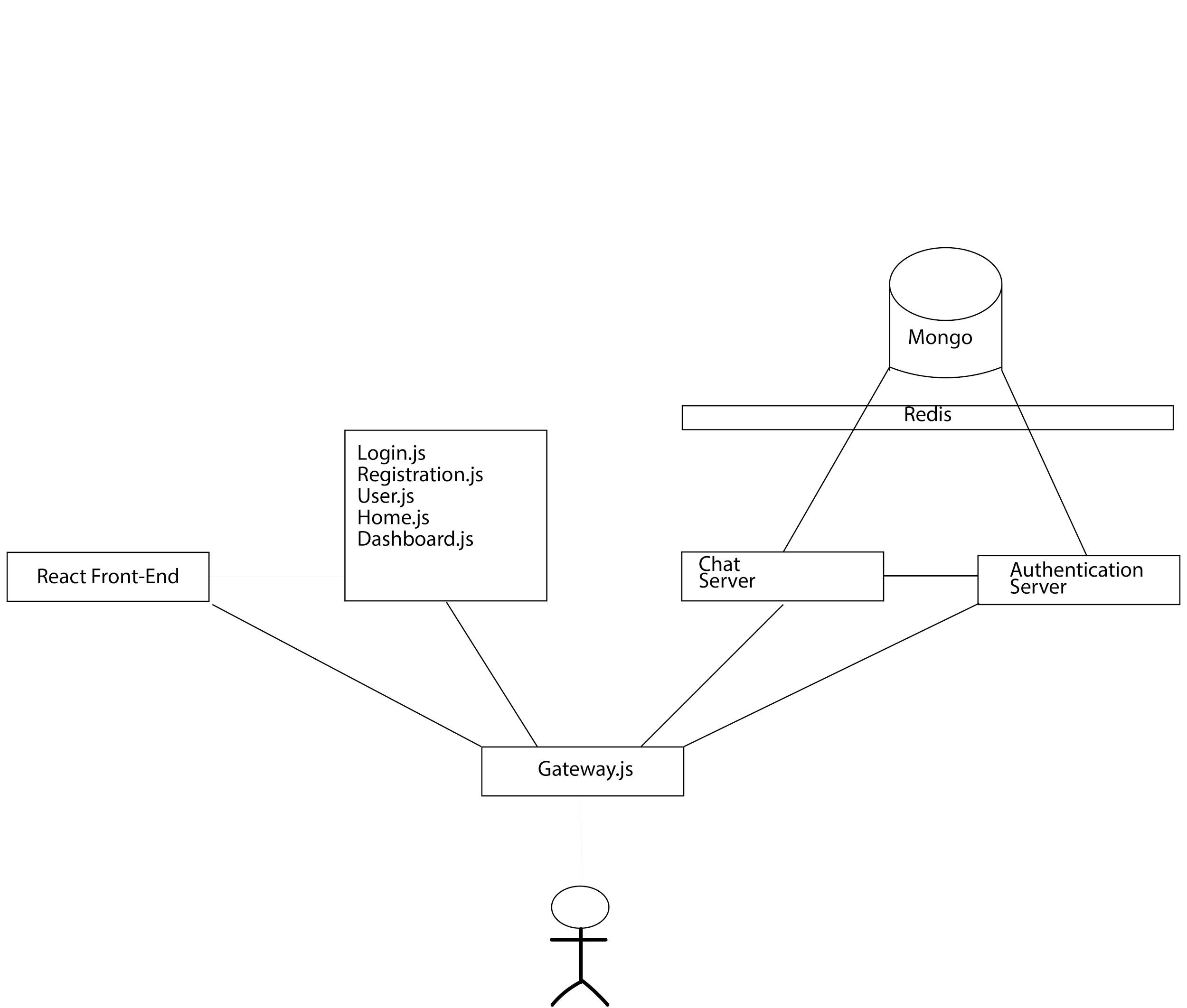
7. docker-compose, v. 1.24.1

8. Redis

9. Redux

10. Kafka

11. Web Socket

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